Attorney Ref. No. 899-68308-02

## COMBINED DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled MICROELECTRODE RECORDING ANALYSIS AND VISUALIZATION FOR IMPROVED TARGET LOCALIZATION, the specification of which

	is attached hereto.			
$\boxtimes$	was filed on 10/18/2005	as United States Pater	nt Application No. 10/553,81	<u>4</u> .
	was described and claime under PCT Articles 19 on	ed in PCT Internations  (if applicable	al Application No, fil ).	ed on, and as amended
	and was amended on	(if applicable).	· •	
	with amendments through	a(if applicable	<b>:</b> ).	
includir	I hereby state that I have ng the claims, as amended l	reviewed and underst by any amendment re	and the contents of the above ferred to above.	e-identified specification,
disclose acknow	If this is a continuation-in- es claims and subject matter dedge the duty to disclose the ate of the prior application	-part application filed r in addition to that di material information a	under the conditions specifi isclosed in the prior copendi	6 which occurred between the
United : inventor States o	ntor's certificate or of any I States of America listed be r's certificate or any PCT is	PCT international applow and have also identificational applicational ap	lication(s) designating at lea intified below any foreign ap on(s) designating at least one	or foreign application(s) for pate st one country other than the eplication(s) for patent or ecountry other than the United that of the applications(s) on
	Number	Country	Day/Month/Year Filed	Claim Priority?
	٠.			Yes No
below:	I hereby claim the benefit	under 35 U.S.C. § 11	19(e) of any United States pr	ovisional application(s) listed
	Applicat	ion Number	Filing	g Date
		33,853	12/31	/2003
	60/4	164,022	4/18/	/2003

I hereby claim the benefit under 35 U.S.C. § 120 of any United States application(s) or § 365(c) of any PCT international application(s) designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, § 1.56(a) which occurred between the filing date of the prior application and the national or PCT international filing date of this application;

Application Number	Filing Date	Status: patented, pending, abandoned
PCT/US2004/012192	April 18, 2004	4/19/2004

I hereby appoint the practitioners associated with the customer number provided below to prosecute this application, to file a corresponding international application, and to transact all business in the Patent and Trademark Office connected therewith:

#### **Customer Number 24197**

I hereby grant the law firm of Klarquist Sparkman, LLP, the power to insert on this Combined Declaration and Power of Attorney any further information which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for submitting this document.

Address all telephone calls to Michael D. Jones at telephone number (503) 595-5300.

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Klarquist Sparkman, LLP 121 S.W. Salmon Street, Suite 1600 Portland, OR 97204

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Name of First or Sole Inventor: James McNames

Residence: Portland, Oregon

Mailing Address: Electrical and Computer Engineering
Portland State University

POB 751

Portland, OR 97207-0751

United States of

Inventor's Signature

COMBINED DECLARATION AND POWER OF ATTORNEY - PAGE 2 of 3

Name of Second In	iventor: Roberto A. Santiago		
Residence:	Portland, Oregon	·	
Mailing Address:	System Science Portland State University PO Box 751 Portland, OR 97207-0751	·	
Citizenship: Uni	ted States of America		
Inventor's Signature		Date	
			•
Name of Third Inv	entor: Jon Haakon Falkenberg		
Residence:	Portland, Oregon		
Mailing Address:	920 NW Kearney, Apt. 455 Portland, OR 97209		
Citizenship: Uni	ted States of America		
Inventor's Signatu	re		
Name of Fourth In	ventor: Kim Burchiel		
Residence:	Portland, Oregon		
Malling Address:	11010 SW Esquiline Circus Portland, OR 97219		
Citizenship: Uni	ted States of America		
Inventor's Signature		Date	

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	is attached hereto.				
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	was described and claimed under PCT Articles 19 on _	n PCT International A (if applicable).	pplication No,	filed on,	and as amended
	and was amended on	(if applicable).			
	with amendments through _	(if applicable).			
includin	I hereby state that I have reviewed and understand the contents of the above-identified specification, neluding the claims, as amended by any amendment referred to above.			pecification,	
disclose	I acknowledge the duty to do If this is a continuation-in-pass claims and subject matter is ledge the duty to disclose mate of the prior application and ion.	art application filed un- n addition to that discluterial information as d	der the conditions spec osed in the prior copen efined in 37 C.F.R. § 1	ified in 35 U.S.6 ding application .56 which occur	C. § 120 which I, I further Tred between the
United Sinventor States o	I hereby claim foreign prior tor's certificate or of any PC States of America listed belor's certificate or any PCI into f America filed by me on the priority is claimed:	T international applicates and have also identi ernational application(	ation(s) designating at s lied below any foreign s) designating at least of	east one country application(s) for country other	y other than the or patent or or than the United
	Number	Country	Day/Month/Year Fi	led Claim	Priority?
below:	I hereby claim the benefit u	nder 35 U.S.C. § 119(	e) of any United States	Yes	No lication(s) listed
	Application	n Number	Fil	ing Date	
	60/53			/31/2003	<del></del>
	60/46	4,022		18/2003	

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Name of First or So	le Inventor: James McNames			
Residence:	Portland, Oregon		• • •	
Mailing Address:	Electrical and Computer Engineering Portland State University POB 751 Portland, OR 97207-0751		·	
Citizenship: Unit	ed States of America			
Inventor's Signature		Date _		·

Attorney Ref. No. 899-68308-02

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Name of Second Inventor:

Roberto A. Santiago

Residence:

Portland, Oregon

Mailing Address:

System Science

Portland State University

PO Box 751 Portland, OR 97207-0751

Citizenship: United States of America

Inventor's Signature

Name of Third Inventor:

Jon Haakon Falkenberg

Residence:

Portland, Oregon

Mailing Address: 920 NW Kearney, Apt. 455

Portland, OR 97209

Citizenship: United States of America

Inventor's Signature

Date

Name of Fourth Inventor:

Kim Burchiel

Residence:

Portland, Oregon

Mailing Address: 11010 SW Esquiline Circus Portland, OR 97219

Citizenship: United States of America

Inventor's Signature

Date

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	is attached hereto.					
Ø	was filed on 10/18/2005 a	United States Patent	Application No. 10/553.	314.		
	was described and claimed under PCT Articles 19 on	in PCT International (if applicable).	Application No.	filed on	and as amendi	ed
	and was amended on	_(if applicable).				
	with amendments through	(if applicable)				
includi	I hereby state that I have ing the claims, as amended b	eviewed and understa y any amendment refe	nd the contents of the aborred to above.	ove-identified	specification,	
disclos acknov		part application filed to in addition to that distribution asserting information as and the national or PC	nder the conditions spec closed in the prior copen defined in 37 C.F.R. § 1 T international filing date	ified in 35 U. ding applicati .56 which occ of the contin	S.C. § 120 which on, I further curred between t mation-in-part	h he>
United inventor States	I hereby claim foreign printer's certificate or of any F States of America listed be or's certificate or any PCT is of America filed by me on to priority is claimed:	CT international appliow and have also identernational application	cation(s) designating at l tified below any foreign n(s) designating at least o	cast one coun application(s) ne country of	try other than th ) for patent or her than the Uni	ited
	Number	Country	Day/Month/Year Fl		m Priority?	
běloŵ:	I hereby claim the benefit	under 35 U.S.C. § 11	P(e) of any United States	Yes provisional a	. ,	ed
		ion Number	Fil	ing Date		
		533,853 164,022		/31/2003 18/2003		
	- ""		••			

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Application Number Filing Date Status: patented, pending, abandoned PCT/US2004/012192 April 18, 2004 4/19/2004

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Citizenship: U	nited States of America	
Inventor's Signature		Date

Name of Second Inventor:

Residence:	Portland, Oregon		ľ
Mailing Address:	System Science Portland State University PO Box 751 Portland, OR 97207-0751		
Citizenship: Uni	ed States of America		
Inventor's Signatu	re	Date	
Name of Third Inv Residence:	Berland Grane San Bened	scorCalifornia & 12806	
Mailing Address:	926 NW Kearney, Apt. 458 17-54 Portland, OR 97209 Sam F	841/1/2 JF 17 rancisco, CA 94122 F 17	2-8
Citizenship: Uni	ed States of America	•	
Inventor's Signatu	· galler	Date 12-8-06	
	· · ·		······································
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Inventor's Signatu	ring to the state of the state	Date	

Roberto A. Santiago

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Roberto A. Santiago

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Mailing Address: System Science

Portland State University

PO Box 751

Portland, OR 97207-0751

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Jon Haakon Falkenberg

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Mailing Address:

920 NW Kearney, Apt. 455

Portland, OR 97209

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Kim Burchiel

Residence:

Portland, Oregon

Mailing Address:

11010 SW Esquiline Circus

Portland, OR 97219

Citizenship: United States of America

Inventor's Signature

Date \_\_\_12/5/06

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